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State of Nevada
EMERGENCY RESPONSE COMMISSION

Planning, Training and Equipment

Grant Application Kit
Fiscal Year 2010

for

STOREY COUNTY, NEVADA
LOCAL EMERGENCY PLANNING
COMMITTEE

JOE CURTIS, LEPC CHAIR
DIRECTOR

STOREY COUNTY EMERGENCY MANAGEMENT

March 13, 2009

145 No. C Street
Virginia City, Nevada
775-847-0954

CHECK SHEET

A FINALIZED GRANT MUST INCLUDE THE FOLLOWING

- ☒ Application Title Page (original signatures)
- ☒ Goals
- ☒ Objectives
- ☒ Line item budget
- ☒ Budget narrative (detailed)
- ☒ Certified Assurances (original signatures)
- ☒ Compliance Certification (original signature)
- ☒ One original of the completed application
- ☒ Copy of the LEPC meeting minutes stating review and approval of the FY10 SERC grant application

INCLUDE THIS COMPLETED FORM WITH THE GRANT APPLICATION

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State Emergency Response Commission
2621 Northgate Lane, Suite 10, Carson City, NV 89706
(775) 687-6973 Fax: (775) 687-8798

Nevada
SERC**Application Title Page**

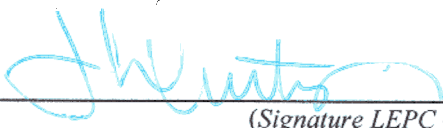
Applicant **Storey County Local Emergency Planning** PO Box 603
Agency: **Committee; Storey Co. Emerg.** Address: _____
Management
City: **Virginia City** Zip: **89440** Phone No.: **847-0954**
FAX No.: **847-0987** E-mail Address: **jcurtis@storeycounty.org**
Name of LEPC **Storey County**
Chair: **Joe Curtis, Chair**
Fiscal Officer: **Pat Whitten, County Mgr** Phone No: **847-0968** Fax No.: **847-0949**

Budget Summary:

Planning	Training	Equipment	TOTAL
\$	\$	<i>29,086.00</i> \$ 33,187.00	\$ 33,187.00 <i>29,086.00</i>

LOCAL EMERGENCY PLANNING COMMITTEE APPROVAL:

On behalf of the Local Emergency Planning Committee I certify this body has reviewed the grant application and agree to abide by the Federal and State procedures which are related to the acceptance of funds.



(Signature LEPC Chair)

3-13-09

Date:

GOVERNING BODY APPROVAL: (i.e. County Commissioner, County Manager)

The Local Emergency Planning Committee has the approval to apply for funding through this grant.



(Signature)

Pat Whitten, County Manager

(Print Name & Title)

3 March 2009

Date:

I. SUMMARY OF PAST TWO YEARS:

LEPC ACTIVITIES IN GENERAL – PAST SEVERAL YEARS

Storey County LEPC has continued it's highly pro-active stance in the planning process for hazardous materials/CBRNE/Terrorism incidents as well as the acquisition of new or upgraded equipment for use in the response and mitigation of hazmat and terrorism related incidents.

We have utilized both the SERC granting processes as well as the DEM and Homeland Security granting opportunities (which are now gone). With the expanded duties of the LEPC after 9-11 to include the Homeland Security aspect we have had to expand our focus of interest to include these other areas of CBRNE and Terrorism as well as the (natural) all hazards approach as mandated by Federal Homeland Security.

Since the threat of terrorism and hazardous materials have a direct connection and significant potential within Storey County, the Storey County LEPC has increased their focus to plan for and acquire the ability to mitigate both Hazmat and CBRNE/Terrorism related matters.

One of the primary projects that Storey County has been diligently pursuing over the past couple of years is that of preplanning the entire county using ArcGIS specialized software and the use of consultants primarily funded by the SERC granting process along with additional matching dollars from the County.

LEPC PROBLEMS ENCOUNTERED

THE PRIMARY area continues to be that of instituting the Citizens Emergency Response Team (CERT) program. Due to the small size of our community those that have a propensity for volunteering for public safety programs already do so. Attempts to enlist further volunteers for a CERT program received virtually zero response from the community and the county. The lengthy (out of area) training for personnel to oversee such a program has not been possible due to the volunteer nature of the program and those available to even consider participating have businesses to run or jobs to go to and can't or won't take the time off to participate.

We have now (2009) taken another look at this program and are looking at trying to partner with Washoe County and possibly with Carson City to try to develop a CERT program for Storey County. We have utilized some of Washoe's personnel during events in the recent past.

A THIRD FACTOR affecting the LEPC and Storey County overall is the termination of the federal ODP/Homeland Security granting program available to the Counties. Storey County LEPC is trying to provide resources to the County and protect the birth county of the State of Nevada, which contains a federally designated National Historic District. As of this SHSC grant cycle (2009) the entire granting process has changed (by the Feds) and the small counties will be virtually frozen out of the likelihood of obtaining any SHSC grant dollars unless the States master SHSC strategic plan includes particular programs that relate to individual counties or regional partnerships. Storey County has now partnered with Carson, Douglas and Lyon on a regional radio system for which we obtained a grant through SHSC grant investments.

PLANNING

Our **comprehensive All Hazard / Hazmat/CBRNE pre-plan for the Tahoe Reno Industrial Complex (TRI)** in the North end of the county along the Interstate 80 corridor has been aggressively pursued primarily via several different grant programs which are our only real source of funding for the SHSP directives. The ultimate goal of this preplan process is to provide for both a paper/hard copy record as well as a computerized/digital (*on CD or laptop*) preplan that will allow responding command and first in Engine company to access, via laptop, comprehensive mapping, GIS information, a three dimensional overview of the facility as well as cut-a-way views of the location. This project is moving along quite nicely but slowly. We are looking to do an aerial pictography project of the entire county and may be seeking grant dollars for that project which will be about \$25 thousand dollars.

We have now reached a landmark stage of this preplanning process and have progressed past the point of placing the information on a CD. We have now acquired software that allows us to use resident GIS mapping and preplan information directly on laptop computers. The software (ArcGIS) was acquired via Office of Domestic Preparedness (ODP) grant programs. The software provides dual usage in that it has Terrorism Prevention application as well as Hazardous Materials prevention and mitigation application and all hazards functions as well.

UPGRADING OF HAZMAT EQUIPMENT

Storey County has continued to participate in the SERC grants program as well as aggressively pursuing the Nevada DEM and Office of Domestic Preparedness (ODP) granting program under the WMD and Homeland Security guidelines and mandates. As noted above the state DEM/SHSC grant program for the rural counties is virtually defunct as of this writing but we have developed regional partnerships to pursue projects.

EXERCISING OF PLAN and TRAINING RELATING TO THE PLAN

Through the Storey County Fire Department and County Emergency Management we annually hold at least two hazardous materials exercises in Storey County. These HM exercises are held in conjunction with the Quad County (Carson, Lyon, Storey and Douglas) Hazardous Materials Response Team. During 2008 we functioned during two actual major emergencies that required the partial opening of our Emergency Operations Center and have already activated our EOC once in 2009 for a major petroleum spill event in the TRI. This event allowed for the “exercising” and functioning of our Emergency Operations Plan and has been reported to SERC.

Pursuant to the federal guidelines for the LEPC (sec. 9, LEPC handbook) the Storey County Emergency Operations Plan has, for several years, maintained an appendix to the EOP which relates to Resource Availability to support the EOP. This is currently undergoing a major revamping via a private contractor.

INCIDENTS

During 2008 we had two hazmat incidents requiring opening of an EOC. One was wildland fire and the other a petroleum refinery spill greater than 300 gallons.

HISTORICAL HAZMAT INCIDENTS

Storey County has historically been the site of one radiological incident (2006);
Seven incidents involving tampering with the valves on railroad tank cars at TRI resulting in spills;
Two bomb threats to TRI businesses (one from out of state, one from in state)
Railroad derailments and tampering with RR tracks;
Fires at the regional landfill resulting in toxic fumes;

And, similar other type incidents over the past 5 years.

II. FUTURE

With the changes on the social scene of our country since 9-11 the future of the LEPC responsibilities and needs have changed in scope significantly as events and the Federal and State governments dictate.

Planning and upgrading of our preparedness infrastructure are the primary points of focus for the LEPC and County Emergency Management so as to meet or exceed the guidelines of the SERC and State Homeland Security Plan (SHSP).

As of this writing Storey County has opened our new Fire Station #5 in the Tahoe Reno Industrial complex. Within that facility is a combined training and Emergency Operations Center which can act as an alternate EOC for the north end of the county.

THREAT ASSESSMENT REVIEW OF STOREY COUNTY

Storey County has two major aspects that must be considered.

First is the nearly one hundred percent tourism based economy of Virginia City and **Secondly** the light to heavy industrial/warehousing/distribution/manufacturing and service industries of the north end of the county along the Interstate 80 corridor and in a relatively secluded and isolated area. Although we have now opened a new fire station in the TRI complex (October 2008), we still must rely on mutual aid agreements with Reno, Sparks and Washoe County as well as the Nev. Div. of Forestry for back-up to this area. The following concerns of the LEPC with both natural disaster CBRNE and terrorism target potential are as follows:

These potential targets all lay in Storey County and within one mile to four miles of each other and some within mere yards of each other at one or more "choke points" along the corridor. These "choke points" possess the potential to easily compromise the continuity of major electrical power production, telecommunications,

major liquid fuel lines, major natural gas lines, transcontinental rail freight and passenger traffic and interstate highway freight and passenger traffic.

Interstate 80 transcontinental highway trucking and passenger traffic corridor

Navigable Truckee River beside I-80 – water source

Transcontinental Railroad line through the canyon and I-80 corridor

Up to **30 miles of Railroad spurs** throughout the area of the TRI with various RR cars parked thereon at any given time containing all sorts of hazardous materials therein.

Power plants, three, providing power to the Northern California and Nevada grid

Military Jet Fuel pipeline from No. California to the Fallon Naval Air Station

Natural Gas pipeline from Idaho to Northern Nevada

Wal-mart food distribution center (currently has 600 trucks per day in and out)

Dell Computers (Shipping and R&D and International free trade zone)

Petroleum cracking plant containing over a **million and a half gallons of petroleum** products (Gas/Diesel/Naptha) at any given time.

Numerous industries that utilize various types of **Hazardous chemicals** and materials.

Continued growth of the TRI with companies **that use all sorts of hazardous materials products.**

Storey County completed it's all hazard threat assessment conducted by the State in 2006 by participating with the State Homeland Security/DEM statewide ALL HAZARD threat assessment. This assessment was very comprehensive. Plans to update this threat assessment are in progress.

The hazardous materials responsibilities of the LEPC remain paramount at this time but must co-exist with the demands of the DEM/ Homeland Security, specifically that of “combating terrorism.” Subcommittees have been established to address other areas of LEPC responsibilities. The Storey County LEPC is entirely a volunteer based program that consistently complies with all aspects of the federal guidelines.

Facility pre-plans, Evacuations, Mass Casualty incidents, and the various aspects of the threat of incidents involving Hazmat, CBRNE and weapons of mass destruction (WMD) are all areas that will continue to receive attention as we proceed into 2009 and beyond. With the removal of individual granting potential by federal Homeland Security it takes away an avenue for individual grant potentials for each County and will cause the counties to look to the SERC for assistance with some of the needs that coexist between hazmat and combating terrorism as well as state homeland security. With each drill we have we are able to identify and address shortcomings or aspects that require immediate as well as long range attention.

Equipment upgrades and acquisitions that will benefit the citizens of Storey County as well as the Quad County HMRT are continually examined. **The geographic and topographic layout of Storey County is such that the County seat is separated from the rapidly increasing industrial complex of TRI along the Interstate 80/Railroad/Pipelines corridor in the northern end of Storey County.** This separation

is a **45 minute to one hour** time factor for travel, even under emergency response conditions, from Virginia City to the TRI area. We now have completed the construction of our Fire Station #5 in the TRI complex. This station now houses our Hazmat Response apparatus and associated equipment. Safety of response and mitigation personnel in terms of personal protective equipment, detection equipment and access to up to date hazardous materials information for mitigation purposes is of primary importance and will continue to be.

This response lag is significant when considering the need to rapidly mitigate incidents of a hazmat or terrorism nature. We have placed our existing hazmat trailer, which is equipped with most items needed for an immediate response, at our Fire Station #5 at Lockwood on I-80. Unfortunately we do not have a prime mover vehicle at that station with which to tow the trailer but are working to acquire such a vehicle through County resources. Seeking of such a prime mover vehicle is no longer possible through SHSC/ODP granting as that avenue has now been terminated.

We continually work with those agencies on our borders (Lyon County, Carson City and Washoe County) to ensure that our planning for hazardous materials responses and appropriate mitigation efforts, are compatible, timely and effective and **will interface with their equipment and procedures**. Although we have adhered to the Incident Command System within our EOP for well over 15 years, we have (as of mid-2004) embraced the **National Incident Management System (NIMS)**, NIMF, NIMP and placed it into our Emergency Operations Plan as adopted by our County Commissioners. We have received full NIMS compliance as of December 2008, per State DEM.

III. GOALS

With this particular grant cycle the Storey County LEPC would like to accomplish the following in terms of equipment acquisitions for the fiscal period of the first grant cycle of SERC during 2009/10.

As fully functioning members of the Quad County Hazmat Response Team (QCHMRT), Storey County considers all hazmat equipment acquisitions as items acquired to support our involvement and commitment to the QCHMRT (Carson, Lyon, Douglas & Storey). Therefore all items are available to all members of the Quad County group. The other members of the QCHMRT follow the same precept.

EQUIPMENT

ITEM

CHANGEABLE MESSAGE SIGNS:

Solar portable changeable message sign; trailer mounted; amber LED message board, computer operator interface; solar photovoltaic (PV) array; battery bank;

See attached specifications per State of Nevada Purchasing Division vendor award. ADDCO, 240 Arlington Ave. East, St. Paul MN 55117

Storey County, as you already know, is currently the site of the largest Industrial Park in the nation (by acreage). This park contains numerous facilities that utilize and possess hazardous materials of many kinds in large quantities. To include, as noted above, one petroleum refinery with over one million gallons of diesel and gasoline on site at any time. A bio-fuels plant is also on the schedule for construction in the near future. We have had one major fuel spill from the petroleum plant so far (Dec 2008) that extended into the area wide sewer system which created a problem making it necessary to divert traffic on several major roads in the area. We had no notification equipment (i.e. reader boards) to be able to notify the traffic of the problem in the area (hazmat spill) and thus had a significant secondary problem with traffic and population control.

The Changeable Message Sign (like DOT uses) would assist us in controlling traffic and population in the area during any such major events, which will surely occur in the future.

Storey County will cover the cost of the (\$1,000) shipping charges for this item. Shipping not included in this amount.

VENDOR: ADDCO, 240 Arlington Ave E., St. Paul, MN 55117
ITEM: On State Purchasing List as of December 11, 2008
COST:\$20,210.00 each

ITEM

BIOWAREFARE AGENT DETECTION DEVICES

This bio-warfare detection kit allows for the detection of the following biological agents: Anthrax, Ricin, and Botulinum. This item also includes simulation kits that can be used for training and as a prop agent for the yearly quad county hazardous materials drills. With the increase in employee population in the Tahoe-Reno Industrial Complex and the increase in anthrax and ricin incidents in the State of Nevada, Storey County could see an increase in these types of threats.

VENDOR: Lab Safety Supply

COST:\$1,271.00

ITEM

NIOSH POCKET GUIDE TO CHEMICAL HAZARDS

These pocket guides are for chemical identification and can be used as one of the three (3) reference sources required by OSHA. These guides will be placed on all of the first response apparatus and command vehicles. We do not currently possess these guides in our inventory.

VENDOR: Amazon.com (a Fernley, NV business)

COST: \$20.95 each - X 11 guides.....\$230.00

ITEM

pH WIDE STICK (Lab Safety Supply) FOR TESTING PRODUCT

The pH Wide Sticks we currently have are expired (what we have left) and all others were used during the Hazardous Materials Technician course hosted by the State of Nevada in September 2008 in which Storey County enrolled six new technicians.

VENDOR: Lab Safety Supply

COST: \$36.70 each x 4 requested =\$146.80

ITEM
HYDROCARBON DETECTION DEVICE

MultiRAE Plus Model PGM-50

With increase in incidents involving hydrocarbons in the Tahoe-Reno Industrial Center (two significant spills in 2008) the need for a reliable gas detector that can detect hydrocarbons is becoming increasingly important. Our current photoionization Detector (PID), or **which we only have one**, has been discontinued and is no longer capable of being serviced, is not reliable and is not user friendly. To be fully functional throughout the county with this capability we are in need of two of these; one for the north end of the county and one for the south end of the county.

VENDOR: PK Safety Supply
Item # 009-3121-014

COST: \$4,101.50 each - 1 requested = **\$4,101.50**

ITEM
CONFINED SPACE GAS DETECTOR

QRAE II CSPD – 02,LEL, H2S, CO.
Item # RAE-QRAE II

Our current bio-system monitors are aged and no longer state of the art. They average 7 years old, are becoming unreliable and have significant servicing issues.

VENDOR: PK Safety Supply

COST: **\$1,187.00**

ITEM
TORO 43 GALLON BUCKET, COLLAPSABLE

These collapsible buckets, commercially available are used during hazmat incidents to hold and transport chemical resistant garments, boots and gloves, etc, after decontamination. These buckets are collapsible which make them easier to store and handle.

VENDOR: Amazon.com (a Fernley, Nevada business)

COST: \$24.99 each – 6 requested =.....\$149.94
ITEM

Dupont TYCHEM SYSTEMS CPF-2 Protective Hooded Coverall, Bound seams

We currently have all fully encapsulated level B or level A chemical resistive garments and they are the choices for those respective levels of entry. The non-encapsulated suits are requested for personnel that are assigned to the decontamination line. The non-encapsulated suits are easier to get in and out of, require less personnel for donning and doffing, and will help reduce the time factors and chance of heat injuries for our decontamination personnel. We are requesting a variety of Large, Extra Large and Extra/Extra Large.

VENDOR: Lab Safety Supply

Cost: Large @ \$23.00 x 6 each= \$138.00

Ex Large @ \$23.00 x 6 each = \$138.00

XX Large @ \$24.50 x 6 each = \$147.00

Total:\$ 423.00

ITEM

EASY ROLLER NON-AMBULATORY ROLLER SYSTEM for non-ambulatory contaminated patients

We currently do not have a reliable or safe way to decontaminate non-ambulatory patients who have been exposed to chemical or biological agents. This system is easy to use and is the same system used by Central Lyon County fire and Paramedic District with whom we interact as co-members on the Quad County Hazmat Team and mutual aid agreements. This system allows you to use a backboard type device to roll them through a formal decon setup. Currently we can only decon ambulatory patients. This item would become an item specifically for use with hazmat and with the QCHMRT involving Carson and Douglas as well.

VENDOR: DQE Inc

Cost: 1 system ea.....\$1,366.19

TOTAL EQUIPMENT SECTION: \$ 29,085.88

IV. OBJECTIVES

EQUIPMENT

The objective in these requests is to upgrade our response ability to deal with both the technician side of response as well as the decontamination side of the response. Our responses are as a full member of the Quad County Hazardous Materials Response Team consisting of Carson, Lyon, Storey and Douglas Counties.

As a stand alone agency Storey County maintains at least (6) Hazmat Technicians and at least four (4) Hazmat certified Incident Commanders that are our commitment to the participation in the Quad County HMRT. We are capable of handling Storey County incidents on a technician level only with the assistance of the QCHMRT utilizing our six technicians as part of the team. Although we function at the Technician Level we (as well as the other three counties) must utilize the combined resources of the Quad County HMRT to meet the staffing demands of any one significant incident.

Quad County team agreements require each county to provide at least six technicians and their own HM certified Incident Commander. Storey County meets these requirements.

ADMINISTRATIVE OPERATIONS

\$4,000.00 (non-justified category)

We do not plan to use more than fifty percent of this funding for administrative assistance personnel to the LEPC for grant maintenance and LEPC administrative activities. We budget \$1,200.00 per year for administrative assistance.

V. BUDGET

ADMINISTRATION

Automatic - Justification not required – Not a part of the total grant request

Qty	Description	Amount
N/A	Administrative funding <i>Justification not required</i> <i>LEPC clerical assistance not to exceed 50% of administrative funds</i>	\$4,000.00

EQUIPMENT

HAZMAT EQUIPMENT TO AUGMENT CURRENT INVENTORY OR TO REPLACE ITEMS THAT ARE OUTDATED OR HAVE OUTLIVED SERVICE LIFE.

Qty	Description	Cost Each	Total Cost	Time Line
1ea	Changeable Message Signs ADDCO On State Purchasing List Shipping covered by county	\$20,210.00	\$20,210.00	Immediate Order
1ea	Biowarefare Agent Dectction Devices Lab Safety Supply	\$ 1,271.00	\$ 1,271.00	Immediate Order
11ea	NIOSH Pocket Guide to Chemical Hazards	\$ 20.95	\$ 230.45	Immediate Order
4ea	pH Wide Stick product testers Lab Safety Supply	\$ 36.70	\$ 146.80	Immediate Order
1ea	Hydrocarbon Detection Device MultiRAE Plus Model PGM-50	\$4,101.50	\$4,101.50	Immediate Order
1ea	Confined Space Gas Detector QRAE II CXPDP-02, LEL, H2S,CO	\$1,187.00	\$1,187.00	Immediate Order

6ea	TORO 43 Gallon Bucket, Collapsible	\$ 24.99	\$ 149.94	Immediate Order
18ea	Dupont TYCHEM systems CPF-2 Protective Hooded Coverall, Bound Seams			
	6ea, size Large	\$ 23.00	\$138.00	Immediate
	6ea, size Xtra Large	\$ 23.00	\$138.00	Order
	6ea, size Xtra/Xtra Large	\$ 24.50	\$147.00	
1ea	Easy Roller Non-Ambulatory Roller System for non-ambulatory contaminated patients	\$1,366.19	\$1,366.19	Immediate Order
			\$29,085.88	
			<i>Rounded up</i>	
	GRAND TOTAL EQUIPMENT		\$29,086.00	

TOTAL GRANT REQUEST.....\$ 29,086.00

CERTIFIED ASSURANCES

**A COPY OF THESE ASSURANCES, IN ITS ENTIRETY, WITH ORIGINAL
SIGNATURES, MUST ACCOMPANY THE GRANT APPLICATION**

Upon acceptance of funding from the State of Nevada Emergency Response Commission (SERC), the lead governmental unit hereby agrees to the following Certified Assurances governing the awarding of funds.

- A) FINANCIAL REPORTS** – The grantee/sub-grantee agency is required to submit, at a minimum, quarterly financial reports to the SERC. Reporting must be made in accordance with all applicable federal, state, and local laws and regulations, and SERC Policies 8.5 and 8.6.

No expenditures or obligations will be eligible for compensation if occurring prior to the award period. All funds need to be obligated by the end of the grant period and expended by the final report date as stated in the grant award cover letter. Failure to submit proper reports pursuant to current policies may jeopardize future funding from the SERC.

- 1) Request for advance:** May be used only if expenses total over \$2,000.00 and is accompanied by a dated purchase order or quote.
- 2) Report on expenditure of advance:** Show the actual expenditure of the advanced funds. This report is due **within 30 days** of the date of the advanced check and must include copies of dated invoices and proof of payment. If the amount advanced is more than the amount spent, or the advanced amount is not spent within the 30 days, the unexpended funds are to be returned to the SERC within 45 days of the date of the check.
- 3) Request for reimbursement:** Complete and submit a financial report form, at a minimum quarterly, for all expenditures funded by the grant. Include copies of dated invoices and proof of payment. Any other form of documentation for expenditures must be approved by the SERC staff. If additional funds are used toward the project, report those expenditures as a **match** in the appropriate line on the report form.
- 4) Quarterly report required:** If there are no expenditures within the quarter, a report with an explanation of why is due by the end of the month following the end of the quarter. Due dates for quarterly reports are as follows:

October 31	- for reporting period July 1 to September 30;
January 31	- for reporting period October 1 to December 31;
April 30	- for reporting period January 1 to March 30; and
July 31	- for reporting period April 1 to June 30.
- 5) Final report:** There will be no further expenditures, the grant is closed, and no further reports are necessary. This report is due within 45 days

after the end of the award period, or anytime prior to the end of the award period if no further funds will be spent.

- B) Exercise report:** Each LEPC must report to the SERC by January 31st of each year on at least one real event and/or tabletop, functional, or full-scale exercise or drill which tests the hazardous materials emergency response plan.
- C) GRANT CHANGE REQUEST -** Grant expenditures are authorized for the purposes set forth in this application, as approved in the grant award, and in accordance with all applicable laws, regulations, and policies and procedures of the State of Nevada and the applicable federal granting agency. Any request for change in the project must be submitted to the SERC and approved in writing prior to its implementation. Approval may be required by the Funding Committee if the change is significant (SERC Policy 8.7).
- D)** The applicant certifies, through the submission of the grant application for funding, neither the lead agency, county government nor any of its participating agencies are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in the transaction by any federal department or agency.
- E)** The applicant assures that the fiscal accountability of the funds received from the State Emergency Response Commission will be managed and accounted for by the lead agency's chief comptroller and that internal control and authority to ensure compliance with SERC's documentation, record keeping, accounting, and reporting guidelines will reside with that individual.
- F)** The applicant and its contractors will comply with the nondiscrimination requirements of the Civil Rights Act of 1964; Section 504 of the Rehabilitation Act of 1973; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975; and the American Disabilities Act of 1992.
- G)** The applicant will abide by audit requirements as specified in OMB Circular A-133, Audits of State and Local Governments as revised August 29, 1997.
- H)** Any publication (written, visual, or audio) issued by the sub-grantee describing programs funded whole or in part with federal funds, shall contain the following statement:

“This program was supported by Grant # _____, awarded by the Nevada State Emergency Response Commission (and, if a HMEP grant, the U.S. Department of Transportation). Points of view or opinions contained within this document are those of the author and do not necessarily represent the official position of policies of the State Emergency Response Commission (and, if a HMEP grant, U.S. Department of Transportation).”

- D) The applicant fully understands the State Emergency Response Commission has the right to suspend, terminate, or de-obligate grant funds to any grantee/sub-grantee that fails to conform to the requirements or the terms and conditions of its grant award.
- J) **LOBBYING** - No grant funds appropriated will be paid, by or on behalf of the grantee/sub-grantee, to any person for influencing or attempting to influence an officer, employee, or a member of Congress, or an officer, employee, or any member of the Nevada State Legislature.
- K) Project related income, (i.e., registration fees, royalties, sales of real and personal property) must be used for the purpose of furthering the goals and objectives of the project or program from which the income was generated. Interest earned must be returned to the State Emergency Response Commission.

ORIGINAL SIGNATURES REQUIRED

GOVERNMENTAL UNIT (I.E., COUNTY COMMISSION, COUNTY MANAGER)

NAME (PRINT): Paul P. Whitten TITLE: COUNTY MANAGER

SIGNATURE: [Signature] DATE: 3 MAR 2009

LOCAL EMERGENCY PLANNING COMMITTEE CHAIRMAN

NAME (PRINT): Joseph L. Curtis TITLE: CHAIR

SIGNATURE: [Signature] DATE: 3-3-09

RETURN THIS FORM WITH THE APPLICATION

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LEPC COMPLIANCE CERTIFICATION

The following must be met by the Local Emergency Planning Committees (LEPCs) as requirements for compliance with federal and State laws and regulations, and SERC policies and procedures. This checklist must be completed, signed, and returned with grant application, or annually, by March 31, if the LEPC is not applying for grant funds.

A check mark in the squares on the left will indicate a YES response.

Have changes in the LEPC Bylaws and Membership list been submitted to SERC?

Bylaws reviewed/updated - Date: 1-7-09 Submitted: yes

Membership list reviewed/updated - Date: 1-7-09 Submitted: yes

Have LEPC meetings been held, at a minimum quarterly, and have agendas and minutes of all meetings, including special meetings, been forwarded to the SERC? yes

Has the LEPC submitted all required reports which summarize the financial management of the active grants (i.e., copies of invoices and verification of expenditures)? yes

☒ Has the LEPC reviewed and/or updated its hazardous materials emergency plan (or haz-mat portion of the jurisdiction's "all hazards" plan) within the last year? Have Plan review results and updates been submitted to the SERC in writing along with a copy of the LEPC meeting minutes documenting review of the Plan?

Review/update - Date: 1-7-09 Submitted: yes

☒ Has the LEPC conducted and reported on at least one incident or exercise, tabletop or full scale, of its hazardous materials emergency response plan within the last year?

Indicate the date of the most recent exercise: Dec 16, 08 Reported: yes

☒ Has the LEPC met the **annual** requirement of publishing the Emergency Planning and Community Right-to-Know Act "information availability" in the local newspaper? Has the standard Affidavit of Publication been sent to the SERC?

Date of publication: April 2008 Affidavit Submitted: yes - on file

As chairman of the STOREY COUNTY Local Emergency Planning
County Name

Committee, I attest all information provided on this compliance certification is accurate.

Ψ [Signature] Date: 3-3-09
LEPC Chair Signature

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Nevada
SERC



JIM GIBBONS
Governor

STATE OF NEVADA
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
515 East Musser Street, Suite 300
Carson City, Nevada 89701
Phone (775) 684-0170 • Fax (775) 684-0188
December 11, 2008

ANDREW K. CLINGER
Director

GREG SMITH
Purchasing Administrator

NOTIFICATION OF AWARD

Page 1 of 4

TO: ADDCO
240 ARLINGTON AVE E
ST PAUL MN 55117

Requisition No: OTC
Payment Terms: N30
Delivery Terms: 60 DAYS

DAVID BERKMAN (206) 369-5683
FAX (651) 558-3600
TAX ID.: 41-1609647

Fiscal Year 09/11 asm
E-MAIL: djberkman@addco.com

You are hereby notified of award from your proposal on Bid No. 7576 in accordance with bid specifications and Terms and Conditions. Your contract is awarded for the dates of December 11, 2008 through December 31, 2010

DELIVER TO: Nevada Department of Transportation/Equipment Division, 310 Galletti Way, Sparks, NV 89431

PLEASE NOTE: This is NOT an order.
Separate Purchase Orders will be issued as indicated in the original bid.

<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>
--------------------	-------------------------------	-----------------------

LISTING OF AWARDED ITEMS AND INSTRUCTIONS:

7. SPECIFICATIONS:

The solar portable changeable message signs must be mounted on a heavy duty towable trailer, must have the remote control capability from a remote location, the Controller Radar unit must be equipped with Speed Detection option, must be equipped with the S.T.A.R. Solar Tilt and Rotate Panel System and must include the "Brick System".

7576 - Addco - NOA

Please visit our website at <http://purchasing.state.nv.us>

**NOTIFICATION OF AWARD
(Continuation)**

December 11, 2008

<u>Description</u>	<u>Approx. Quantity</u>	<u>Unit Price</u>
7.1 CHANGEABLE MESSAGE SIGNS: Solar portable changeable message sign; amber LED message board; computer operator interface; solar photovoltaic (PV) array; battery bank; ADDCO DH1000 SCB-SIGN Changeable Message Sign. Warranty: 2 Years Parts and Labor	5 each	\$20,210.00 Per each

Specifications:

- **AXLE/BRAKE:** Single 3,500 lb. capacity independent suspension torsion axle; ground clearance of 10.25"; standard hydraulic surge brakes
- **COLOR:** Dupont Emron, "School Bus Yellow", No. 75306. Powder coating is **not** acceptable. *1 mil primer and 2 mil Dupont Imron #75306 paint.*
- **DIMENSIONS:** Maximum Height: 13'10" when sign is fully raised; Maximum Height when transporting: 9'1"; Maximum Length: 13'11" (with removable tongue); Maximum Width: 6'8"; approximately 2,820 lbs. gross weight
- **HITCH:** Heavy duty hitch capacity of 1-7/8" and 2" multi-fit ball coupler; 300 lb. **maximum** tongue load; heavy-duty safety chains with safety hooks; hitch height of 17 1/2" above pavement
- **TIRES:** 15", 6 ply, load range C. Tires **must** be balanced with external weights.
- **LEVELING JACKS:** Four (4) each 2000 lb. capacity; top wind jacks; non-removable trailer mount
- **REMOVABLE TONGUE:** Quick disconnect coupler
- **LIGHTS:** Lighting to be standard highway specifications
- **TRAILER COMPONENTS ENCLOSURE:** Heavy-duty welded steel, anti-slip texture, rust proof, UV-resistant, walk-on, heavy duty, lockable, rodent proof.
- **MATERIAL/LIFT:** ASTM A513 Type 5.6 1/2 x 7 gauge wall HREW tube 4' 7" total lifting distance, under 30 seconds average time for full extension.
- **SOLAR MODULES:** High efficiency, single crystal silicon cells. Cells are anti-reflected coated
- **AMPS:** Four 4.25 amp at 17.0 volts. Total 17.0 amps at 17.0 volts.
- **ELECTRICAL:** Four solar panels, each at 4.25 amps, 17.0 volts for a total of 17.0 amps at 17.0 volts; 120 volt AC operation.
- **BATTERIES:** Eight (8) -6 volt 225-amp hours deep cycle batteries wired in a 12-volt configuration for 900 amp hours of storage capacity.
- **CHARGING SYSTEM:** On board charging system will recharge completely discharged sign battery banks in 12 hours. 75 Amp @ 12VDC minimum rated onboard battery charger low voltage disconnect on load side to keep batteries from totally discharging and freezing during winter months. Shall reconnect at approximately 11.7 volts DC.
- **INSTRUMENTATION:** 12-volt system voltmeter, 60-amp meter.

**NOTIFICATION OF AWARD
(Continuation)**

December 11, 2008

<u>Description</u>	<u>Approx. Quantity</u>	<u>Unit Price</u>
<ul style="list-style-type: none"> • CONTROLS: Main power switch, raise/lower mast switch, solar system disconnect/breaker switch. SIGN: The total display area for the three, eight character lines is a maximum height of 75" by a maximum width of 137" by maximum depth of 5"; maximum 100 lbs. per row for a total of 300 maximum lbs; complete change of all three lines is a maximum of 100 milliseconds. LEGIBILITY/COLOR: Each character displayed in each line must be clearly visible from a minimum of 1200 feet. Each charter must have a minimum of 15-degree cone of visibility; display is amber in color at 590nm wavelength. VIEW ANGLES: Sign must be capable of rotating a complete 360 degrees atop the lift mechanism. Display when fully extended, the sign can be rotated and locked into various viewing angles as determined best for the motorists by the sign operator. Locking of the sign is via a locking collar. • SOLAR PERFORMANCE ANGLE S.T.A.R.: Unit is designed to rotate the solar photovoltaic array 360 degrees and tilt to 35 degrees to increase solar performance. • DISPLAY MODULE REQUIREMENTS: Sign consists of three lines of individually changeable characters. Line spacing of approximately 5.375" separates each line from its adjacent line. Each line is made up of eight characters. Each alphanumeric character is individually removable and is interchangeable with other characters. Character separations are a minimum of 4.3" from adjacent character. The display module shall use Light Emitting Diodes (LEDS) that can compose alphanumeric or graphic messages. The front face of the display module shall be made of an UV-inhibited, polycarbonate material with an UV silk-screened mask that provides a high level of contrast and readability. The body of the display module shall be injection molded and composed of a UV-inhibited, high-impact, ABS thermoplastic material. The individual display modules shall be environmentally sealed and not require an external sign case to provide protection from environmental conditions. The modular sign components must be capable of withstanding harsh vibration and environmental conditions as set forth by SAE J1455. Documentation detailing compliance with the SAE J1455 standard shall be included with the bid proposal. Display module shall be vented in such a way to allow for thermal expansion and contraction without letting moisture ingress into the module. Shall be IP64 certification for dust and water protection under International Standard IEC 60529 Edition 2.1. This unit shall operate in a minimum temperature range of -34°C to 74°C without environmental controls such as heating and air conditioning. 		

The weatherproof connector that mates with the main bus shall be on the reverse side of the display module. Each display module shall be installed by connecting the display module to the main bus, and must be able to be removed and replaced without disturbing other modules. Each module shall know its location in the sign matrix without individually addressing each module. A vandal-resistant device shall secure

NOTIFICATION OF AWARD
(Continuation)

December 11, 2008

<u>Description</u>	<u>Approx. Quantity</u>	<u>Unit Price</u>
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each display module onto the main mounting rail and lock down rails. Characters made up of 35 pixels arranged in a seven pixel high by five-pixel wide matrix, each character is 18" high.

- **CONTROLLER:** The controller shall be a solid-state unit containing all the necessary circuitry and memory for storage of messages and sign operating software. It shall be capable of storing a minimum of 199 factory pre-set standard messages and a minimum of 99 operator keypad entered messages. All message memory consisting of 512K of flash memory and 512K DRAM memory shall be retained during power outages or failures. The controller shall operate at 12 VDC nominal and shall withstand voltages of -25VDC to +25VDC on power input. The controller shall contain 2 serial ports. The controller must offer options for 8 digital inputs, 4 digital outputs and 2 additional serial ports. The specifications listed are the **minimum** requirements.
HAND HELD TERMINAL: Sign control shall be accomplished through a handheld terminal which will allow the operator to be located up to a minimum of 15 feet from the trailer. The hand held terminal shall have a 45 key membrane keyboard with fiber optic backlighting. The hand held terminal shall display 8 rows of 24 characters each with a supertwist LCD display. The hand held terminal shall allow for quick messages to be sent to the PCMS with a minimum number of keypad entries. The specifications listed are the **minimum** requirements.
- **SOFTWARE:** Shall be version of Windows 95/98, NT and must also be compatible with Windows 2000 and XP.

VENDOR IS ALSO REQUIRED TO PROVIDE PRICING ON THE FOLLOWING:

- | | |
|---|---------------|
| 1. Electric Brakes: | \$148.00 |
| 2. 3" Pintle, Hydraulic Surge: | \$234.00 |
| 3. Telephone Land Line Operation: | \$740.00 |
| 4. Cellular Telephone Operation: | \$913.00 |
| 5. Custom Message Set: | \$102.00 |
| 6. Message Download: | \$102.00 |
| 7. Time Clock Operation: | \$32.00 |
| 8. Radar: | \$1,044.00 |
| 9. Diesel Powered Engine
on Charging System: | Not Available |

7.2 SHIPPING CHARGES: Per unit; to zip code 89431;	1 each	\$1,000.00
this is an estimated shipping charge.		Per each

Vendor has complied with all specifications.

By Annette Morf
Purchasing Division Approving Authority

Item: QRAE II Confined Space Gas Detector – O2, LEL, H2S, CO. Item# RAE-QRAE II

Vendor: PK Safety Supply

Cost: \$1,187.50 each x 4 = \$4,750.00

Reason: These 4 gas monitors will replace the current biosystem 4 gas monitors. The biosystem monitors are aging. The oldest monitor is 7 years old. They are becoming un-reliable and are having service issues.

Item: Toro 43-Gallon Gardening Spring Bucket #29210

Vendor: Amazon.com

Cost: \$24.99 each x 6 = \$149.94

Reason: These collapsible buckets will be used during hazmat incidents and training to hold chemical resistant garments, boots and gloves after decontamination. These buckets are collapsible which make them easier to store and handle.

Item: DUPONT Tychem Systems CPF-2 Protective hooded coverall, bound seams

Vendor: Lab Safety Supply

Cost:

Item# 23282L – Large. \$23.00 each x 6 = \$138.00

Item# 23282XI – Extra large. \$23.00 each x 6 = \$138.00

Item# 23282XXL – Extra Extra Large. \$24.50 each x 6 = \$147.00

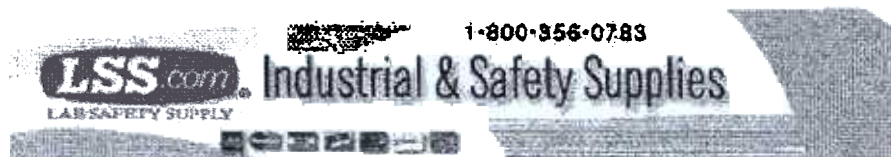
Reasoning: We currently have all fully encapsulated level – B chemical resistive garments and they are a good choice for any level b entry situations. The non – encapsulated suits requested are for personnel that are assigned to the decontamination line. The non encapsulated suits are easier to get in and out of, require less personnel for donning and doffing, and will help reduce the chance of heat injuries for our decontamination personnel.

Item: DQE Inc. Easy Roller Non-Ambulatory Roller System (Non-Ambulatory contaminated patients).
Item# HMK11045A

Vendor: DQE Inc.

Cost: \$1,366.19

Reason: We currently do not have a reliable and safe way to decontaminated non ambulatory patients who have been exposed to chemical or biological agents. This system is easy to use and is the same system used by the Central Lyon County Fire and Paramedic District (CLCFPD). The Central Lyon County Fire and Paramedic District are member of the Quad County Hazardous Materials Response team and this system is compatible with theirs. The Storey County Fire Department also has a mutual / automatic aid agreement with the CLCFPD.



Product Index > Safety Supplies > Air Monitors > Chem and Bio Agent Detectors > BADD® BioWarfare Agent Detection Devices > 91978

BADD® BioWarfare Agent Detection Devices



The Ideal Rapid Detector Device for First Responders

The Ideal Rapid Detector Devices for First Responders

BADD™ Box Kits: Nos. 91978, 147463 and 147464 provide rapid, qualitative detection of toxins and spores. Include the detection tests listed below and a hard case for storage and transport.

BADD Box Replacement Devices: No. 91975 detects as little as 50µg/mL of the Vollum spore, 83µg/mL of the Ames spore and 125µg/mL of the Sterne spore. **No. 91976** detects as little as 5µg/mL and **No. 91977** detects 33µg/mL of Botulinum A and 500µg/mL of

Botulinum B. **No. 147465** detects 1.0µg/mL or 1.0 x 10⁵ cfu/mL of y.pestis toxin. **No. 147466** detects 10µg/mL of SEB toxin. Each contains one BADD toxin device per sealed pouch.

BADD Box Simulation Kits: No. 92030 provides hands-on training for use of the Biological Agent Detection Devices. **Nos. 147467 and 147473** imitate the performance of actual bio-threat devices. Perfect for first-time users or training sessions—inexpensive tool to a quality preparedness program. Each contains a 3 to 5 micron nontoxic powder dust provided in both a positive and negative format. Use in a variety of settings and applications, even air sampling.

Pro Strips™: Nos. 147468 and 147469 are the first and only hand-held assays that detect and identify up to five threats using one sample, in as little as three minutes. Easy-to-use device provides extreme accuracy for confidence when dealing with biological threats. **No. 147470** keeps your Pro Strips intact.

Pro Strips™ Simulation / Training Devices: Nos. 147471 and 147472 imitate the performance characteristics of actual biothreat devices. Provide a simulated positive, negative or invalid result to help educate your team on what they may encounter in the field or lab.

Qty	Item #	Product	Sell Pack	Click For Avail	Price
0	91978	BioWarfare Detection BADD Box	30 EA		\$1,271.00

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Product Index > Safety Supplies > Air Monitors > Chem and Bio Agent Detectors > BADD® BioWarfare Agent Detection Devices > 91975

BADD® BioWarfare Agent Detection Devices



BADD™

The Ideal Rapid Detector Device for First Responders

The Ideal Rapid Detector Devices for First Responders

BADD™ Box Kits: Nos. 91978, 147463 and 147464 provide rapid, qualitative detection of toxins and spores. Include the detection tests listed below and a hard case for storage and transport.

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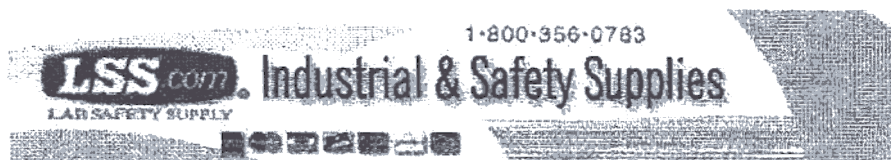
Pro Strips™ Simulation / Training Devices: Nos. 147471 and 147472 imitate the performance characteristics of actual biothreat devices. Provide a simulated positive, negative or invalid result to help educate your team on what they may encounter in the field or lab.

Qty	Item #	Product	Sell Pack	Click For Avail	Price
0	91975	Anthrax BADD Kit	10 BX		\$349.00

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BADD® BioWarfare Agent Detection Devices



BADD™

The Ideal Rapid Detector Device for First Responders

The Ideal Rapid Detector Devices for First Responders

BADD™ Box Kits: Nos. 91978, 147463 and 147464 provide rapid, qualitative detection of toxins and spores. Include the detection tests listed below and a hard case for storage and transport.

BADD Box Replacement Devices: No. 91975 detects as little as 50µg/mL of the Vollum spore, 83µg/mL of the Ames spore and 125µg/mL of the Sterne spore. **No. 91976** detects as little as 5µg/mL and **No. 91977** detects 33µg/mL of Botulinum A and 500µg/mL of Botulinum B. **No. 147465** detects 1.0µg/mL or 1.0 x 10⁵ cfu/mL of y.pestis toxin. **No. 147466** detects 10µg/mL of SEB toxin. Each contains one BADD toxin device per sealed pouch.

BADD Box Simulation Kits: No. 92030 provides hands-on training for use of the Biological Agent Detection Devices. **Nos. 147467 and 147473** imitate the performance of actual bio-threat devices. Perfect for first-time users or training sessions--inexpensive tool to a quality preparedness program. Each contains a 3 to 5 micron nontoxic powder dust provided in both a positive and negative format. Use in a variety of settings and applications, even air sampling.

Pro Strips™: Nos. 147468 and 147469 are the first and only hand-held assays that detect and identify up to five threats using one sample, in as little as three minutes. Easy-to-use device provides extreme accuracy for confidence when dealing with biological threats. **No. 147470** keeps your Pro Strips intact.

Pro Strips™ Simulation / Training Devices: Nos. 147471 and 147472 imitate the performance characteristics of actual biothreat devices. Provide a simulated positive, negative or invalid result to help educate your team on what they may encounter in the field or lab.

Qty	Item #	Product	Sell Pack	Click For Avail	Price
0	91976	Ricin Toxin BADD Kit	10 BX		\$349.00

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BADD® BioWarfare Agent Detection Devices



The Ideal Rapid Detector Device for First Responders

The Ideal Rapid Detector Devices for First Responders

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BADD Box Replacement Devices: No. 91975 detects as little as 50µg/mL of the Vollum spore, 83µg/mL of the Ames spore and 125µg/mL of the Sterne spore. **No. 91976** detects as little as 5µg/mL and **No. 91977** detects 33µg/mL of Botulinum A and 500µg/mL of Botulinum B. **No. 147465** detects 1.0µg/mL or 1.0 x 10⁵ cfu/mL of y.pestis toxin. **No. 147466** detects 10µg/mL of SEB toxin. Each contains one BADD toxin device per sealed pouch.

BADD Box Simulation Kits: No. 92030 provides hands-on training for use of the Biological Agent Detection Devices. **Nos. 147467** and

147473 imitate the performance of actual bio-threat devices. Perfect for first-time users or training sessions—Inexpensive tool to a quality preparedness program. Each contains a 3 to 5 micron nontoxic powder dust provided in both a positive and negative format. Use in a variety of settings and applications, even air sampling.

Pro Strips™: Nos. 147468 and 147469 are the first and only hand-held assays that detect and identify up to five threats using one sample, in as little as three minutes. Easy-to-use device provides extreme accuracy for confidence when dealing with biological threats. **No. 147470** keeps your Pro Strips intact.

Pro Strips™ Simulation / Training Devices: Nos. 147471 and 147472 imitate the performance characteristics of actual bioterror devices. Provide a simulated positive, negative or invalid result to help educate your team on what they may encounter in the field or lab.

Qty	Item #	Product	Sell Pack	Click For Avail	Price
0	91977	Botulinum Toxin BADD Kit	10 BX		\$349.00

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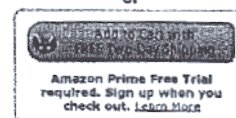
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Editorial Reviews**Product Description**

Guide presents key information and data in abbreviated or tabular form for chemicals or substance groupings (e.g. cyanides, fluorides, manganese compounds) commonly found the work environment

Product Details

Spiral-bound: 454 pages

Publisher: J.J. Keller & Associates, Inc.; 2 edition (November 29, 2005)

Language: English

ISBN-10: 1590425863

ISBN-13: 978-1590425862

Product Dimensions: 7.9 x 6.4 x 1.2 inches

Shipping Weight: 1.2 pounds ([View shipping rates and policies](#))Average Customer Review: ★★★★★ ☒ (2 customer reviews)Amazon.com Sales Rank: #646,136 in Books (See [Bestsellers in Books](#))(Publishers and authors: [Improve Your Sales](#))

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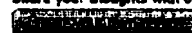
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Average Customer Review

★★★★★ (3 customer reviews)

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1 of 1 people found the following review helpful:

★★★★★ Excellent Reference, October 5, 2005

By [Lula Delgado](#) [See all my reviews](#)

Real Name

This review is from: [NIOSH Pocket Guide To Chemical Hazards \(Spiral-bound\)](#)

As a member of an Emergency Medical Service, it is important for us to have quick references, specially with a topic so critical as Hazardous Materials (HazMat). This guide provides a lot of useful information that tells you not only how to protect yourself, but also how to provide a very basic treatment to people affected by one of the 398 chemicals this guide details.

Complains: the visual presentation of the information is a little bit uncomfortable, but once you get used to it, you get to the data quickly.

The guide gives you tabulated information about the chemical, its common names, how to measure it, respiration protection exposed people should use, medical problems caused by over-exposure and basic treatment.

I highly recommend this guide to people that work or can find themselves into situations involving dangerous chemicals.

[Comment](#) | [Permalink](#) | Was this review helpful to you? [Yes](#) [No](#) [Report this](#)

★★★★★ NIOSH Pocket guide a Winner!, October 26, 2008

By [John Krysa](#) [See all my reviews](#)

Real Name

The NIOSH Pocket Guide is an extremely helpful book that is very easy to use. It is laid out well, listing the most important chemicals that you are required to be aware of. It has a lot of

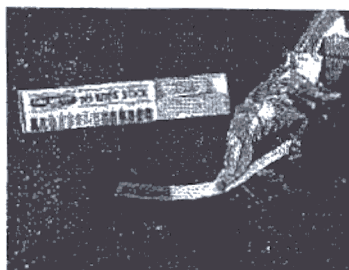


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LAB SAFETY SUPPLY® pH Wide Stick**pH Wide Stick***Easy-to-Handle Extra Large Size*

A specially designed pH stick that's extra long and extra wide so it's easy to handle and use even when wearing bulky gloves. Quick, easy and reliable to use, one dip of this pH stick gives a single color match for each pH value.

Specifications: Large 9" x 1" size--no more fumbling in cold weather.
Pkg. of 25

Qty	Item #	Product	Sell Pack	Click For Avail	Price	
0	16811	PH WIDE STICK	25 PK	+	1-5 \$38.70	6+ \$34.90

Quantity

1- 5
6+

Price

\$36.70
\$34.90

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RAE Systems, Inc.
 3775 North First Street
 San Jose, CA 95134 US
 Phone: 408-952-8200
 Fax: 408-952-8480
 Toll-free: 877-723-2878
 Email: aleet@raesystems.com
 Website: <http://www.raesystems.com>

All Categories > Portable Detection > Multi-Gas > MultiRAE Plus Monitor > MultiRAE Plus Monitor Configuration > Item # 009-3211-814

Item # 009-3211-814



[larger image](#)

MultiRAE Plus Model PGM-50

The MultiRAE Plus combines a PID (Photo-ionization Detector) with the standard four gases of a confined space monitor (O₂, LEL, and two interchangeable toxic gas sensors) in one compact monitor with sampling pump. Like the Leatherman™ tool, the MultiRAE Plus gets the job done in more circumstances than any other gas detector. Its versatility makes it the gas meter of choice for some of the highest profile HazMat/WMD teams in the United States. The MultiRAE Plus is quickly and easily changed from a sophisticated technician instrument to a simple text-only monitor. The same monitor can be used as a personal monitor, a hand-held sniffer or as a continuous-operation area monitor.

The MultiRAE Plus detector can be made wireless with the use of RAElink2. This allows real-time monitoring information from the detector to be integrated into an existing AreaRAE system. A wireless, RF (radio frequency) modem allows detectors equipped with Firmware version 1.20 or higher to communicate and transmit readings and other information on a real-time basis with a remotely located AreaRAE base controller up to two miles away.

These are the most commonly purchased MultiRAE Plus monitors, with a universal charger and an international plug kit.

[Key Features](#) · [Applications](#) · [Specifications](#) · [Certifications](#) · [Classifications and Approvals](#) · [Method of Usage](#) · [Markets](#)

Key Features

- O₂, LEL, PID, and any two plug-in "smart" toxic sensors : CO, H₂S, SO₂, NO, NO₂, Cl₂, HCN, NH₃, PH₃
- 0-2000 ppm measurement of VOCs (volatile organic compounds) with 0.1 ppm resolution
- Measure more chemicals than with any other PID: With over 60 Correction Factors built into the MultiRAE Plus memory and the largest printed list of Correction Factors in the world (300+), RAE Systems offers the ability to accurately measure more ionizable chemicals than any other PID!
- Drop-In Battery: When work schedules require putting in more hours than the 14 hours supplied by the advanced Lithium ion (Li-Ion) battery, the drop-in alkaline pack supplied with every MultiRAE Plus allows you to finish the job.
- User friendly screens make it easy to use for simple applications and flexible enough for sophisticated options.
- Rugged Rubber Boot assures that the MultiRAE Plus survives the bumps and knocks of tough field use.
- Strong, built-in sample pump draws up to 100 feet (30 m) horizontally or vertically.
- Large external filter and automatic low flow alarm protect the MultiRAE Plus from damage.
- Large keys are operable even with 3 layers of gloves.
- Easy-to-read display with backlight.
- Store up to 80 hours of data at one minute intervals for all 5 sensors for download to PC (with the optional datalogging).
- Loud audible alarm that varies for different alarm conditions and an optional external vibration alarm for noisy

areas

- Access sensors and battery in seconds with the new, improved case

Applications

- HazMat/Homeland Security
 - Initial PPE (personal protective equipment) assessment
 - Leak detection
 - Perimeter establishment and maintenance
 - Spill delineation
 - Decontamination
 - Remediation
- Confined Space Entry
 - Aviation/wing tank entry with jet fuel
 - Shipyard and maritime confined spaces with diesel fuel
 - Pulp and paper industry for confined space entry in turpentine environments
- Environmental
 - Soil and water headspace analysis
 - Leaking underground storage tanks (LUST)
 - Landfill monitoring
- Industrial Hygiene, Plant Health & Safety
 - Confined Space Entry
 - Indoor Air Quality (IAQ)

Specifications

Basic Unit	PGM-50
Combustible & Oxygen Sensors	LEL/O ₂ Combustible and Oxygen
Interchangeable TOX 1 Sensor ¹	CO - Carbon Monoxide Sensor
Interchangeable TOX 2 Sensor	H ₂ S - Hydrogen Sulfide Sensor
Photolozation Detectors (requires pump) ²	10.6 eV Lamp
Pump, Batteries, Chargers	Pump, Extended Duration LI-Ion, Universal Charger
Datalogging	Datalogging Monitor - includes Software & Cable
Kits	Access, and 4-gas (LEL/O ₂ /CO/H ₂ S) plus Isobutylene Calibration Kit
Options	(SVC-PTC4-095) Service Program
Detection Type	Portable Wireless

¹ Cannot use both NO and NH₃ sensors in a single monitor.

² Photolozation Detectors lamp other than 10.6eV require consultation with Don Wolf & Associates.

Certifications, Classifications and Approvals

UL	Yes
cUL/CSA	Yes
CE	Yes
ATEX ¹	Yes

IECEX	No
-------	----

¹ ATEX option must be specified at time of order

Method of Usage

Wireless	Yes
Need RL2	Yes
Need RL3	Yes

Markets

Fire/Hazmat ¹	Belt-Worn
Government	Belt-Worn
Environmental	Belt-Worn

¹ BW = Belt Worn

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3775 North First Street
San Jose, CA 95134 US
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Email: raesales@raesystems.com
Website: <http://www.raesystems.com>

All Categories > Portable Detection > Multi-Gas > QRAE II Multi Gas Detector > Item # 020-1111-2A0

Item # 020-1111-2A0 QRAE II pumped LEL CSA-UL/O₂/H₂S 100 ppm/CO - LI-Ion rechargeable
\$695.00



[larger image](#)

QRAE II pumped LEL CSA-UL/O₂/H₂S 100 ppm/CO - LI-Ion rechargeable

QRAE II Model PGM-2400

The QRAE II is a versatile diffusion or pumped one-to-four gas monitor for detection of combustibles, oxygen, hydrogen sulfide, carbon monoxide, or sulfur dioxide. Standard features include easy-to-change battery packs, easy access to sensors, internal vibrating alarm, loud 95dB audible alarm, and a water-resistant IP65 case design. The durable, rechargeable, Lithium-ion battery delivers up to 14 hours of continuous operation in diffusion mode (a spare alkaline battery adapter is included for 10 hour back-up operation).

Our patented SPE O₂ sensor provides extra life performance with a RoHS compliant leadfree design. The QRAE II includes datalogging storage capacity for download to PCcompatible computers with Windows™ 95, 98, 2000, NT, ME and XP.

Monitor only includes:

- Water trap filter (pump model only)
- Sensors as specified
- Quick start guide
- Shipping case
- Alkaline adapter
- Internal filters
- Rechargeable LI-Ion units include:
 - charging/download cradle with computer cable
 - Lithium-Ion battery pack
 - Universal wall Adapter
- Monitor as specified
- Calibration adapter (diffusion model only)
- CD ROM with user manual and ProRAE Studio

For other configurations, please contact us for pricing and part numbering or use our configurator by clicking the configurator button below.



Specifications · Certifications, Classifications and Approvals · Method of Usage · Markets · Key Features**Specifications**

Detection Type	Portable
Must Ship as HazMat	No

Certifications, Classifications and Approvals

UL	Yes
cUL/CSA	Yes
CE	Yes
ATEX ¹	Yes
IECEX	Yes

¹ ATEX option must be specified at time of order**Method of Usage**

Wireless	No
New (12 mos)	Yes

Markets

Fire/Hazmat	Belt-Worn
Government	Belt-Worn
Industrial Safety	Belt-Worn

Key Features**Key Features**

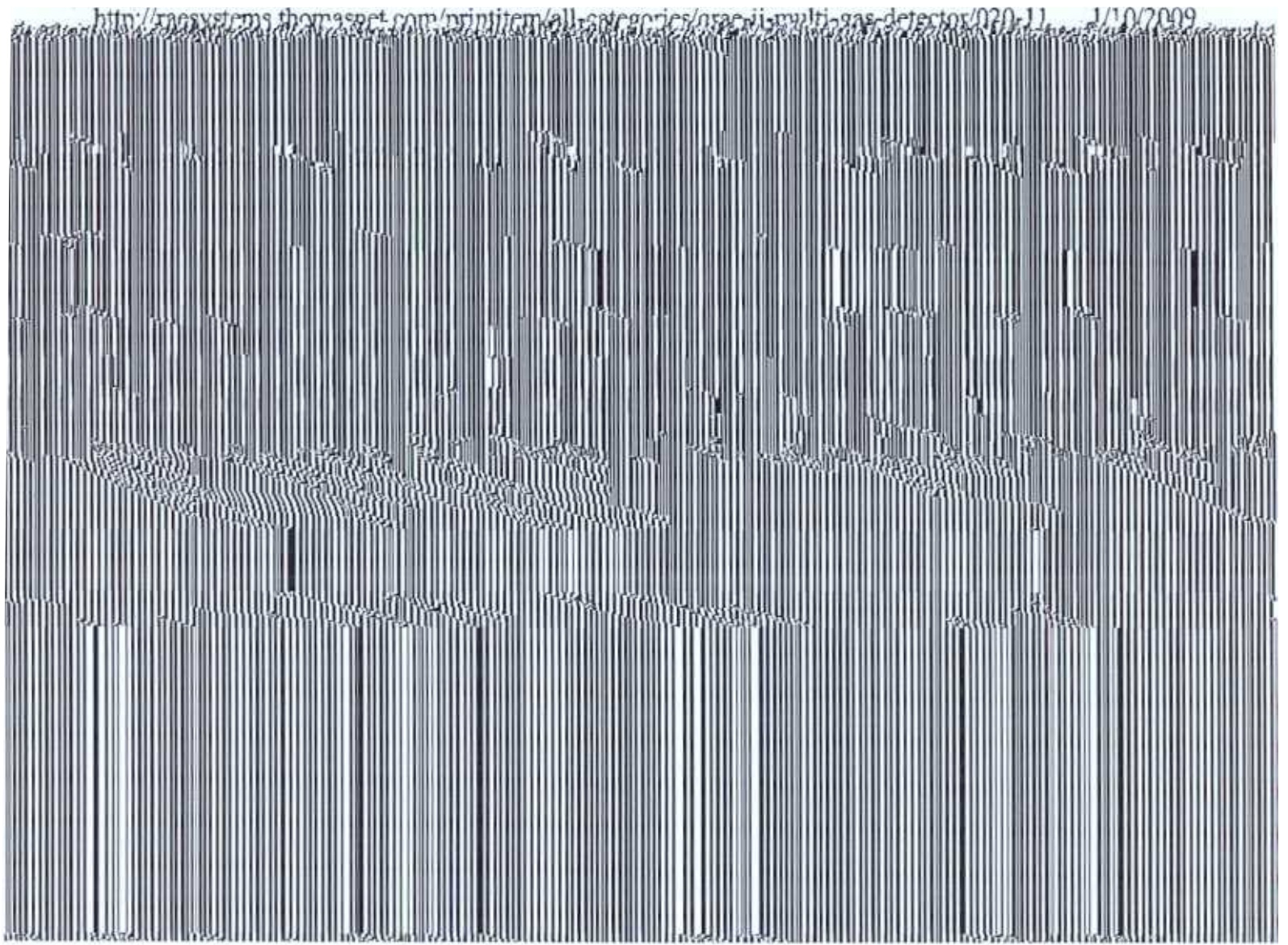
- Patented SPE O₂™ Oxygen sensor unique features :
 - Lead-free design that complies with RoHS directive
 - Extended life compared to lead-type electrochemical oxygen sensors, resulting in a low cost of ownership
 - Leak-free design, minimizing downtime
- Best EMI/RFI immunity technology for products in its class, eliminating radio interference
- Easy access to pump, sensors, filter and battery compartment without exposing electronic components to potential damage
- IP-65 water- and dust-resistant case
- Strong, protective, concussion-proof design

Advantages

- Plug-in sensors : oxygen, combustibles, hydrogen sulfide, carbon monoxide or sulfur dioxide
- Intuitive simple-to-operate two-button user interface with built-in pump
- Pump or diffusion models available
- Cradle doubles as an external battery charger and data transfer connection
- Rugged housing
- Large graphic display for easy overview of gas type and concentration
- Rechargeable Lithium-ion battery pack provides up to 14 hours of continuous operation

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 Item # 009-3121-014 MultiRAE Plus O2/LEL/H2S/CO/PID Kit [remove] Pgm - 50		\$4,101.50	2	\$8,203.00	
		<input type="button" value="Update"/>			
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PK Safety Supply
 2005 Clement Avenue
 Alameda, CA 94501

Toll Free: 800.829.9580

Phone: 510.337.8880

Fax: 510.337.8890

pkc-store@pksafety.com

Directions to our facility:

From the South:

Take Hwy. 880 North. Take the 23rd Avenue Exit and keep to the left. Make a u-turn at the light, go straight and cross the Park Street Draw-Bridge. Make a right at the second light (Clement Avenue), and continue for about 5-6 blocks to Gate #6 which is at the foot of Chestnut Street. Go through the gate into the parking lot, our building is right in front.

From the North:

Take Hwy. 880 South. Take the 23rd Avenue Exit and keep to the right. Make a left onto the Park Street Draw-Bridge. Make a right at the second light (Clement Avenue) and continue for about 5-6 blocks to Gate #6 which is at the foot of Chestnut Street. Go through the gate into the parking lot, our building is right in front.



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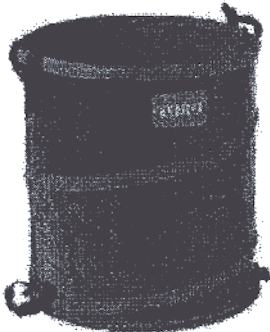
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Toro 43-Gallon Gardening Spring Bucket #29210

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~~Discontinued~~

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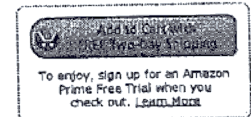
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- ☒ **Toro Ultra 12 Amp Variable Speed Electric Blower/Vacuum With Metal Impeller #51599** Toro

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Technical Details

- 43-gallon collapsible spring bucket ideal for garden debris
- Extra strong sleeved spring for secure upright standing
- Mildew resistant and UV treated mesh supported plastic canvas
- 4 cushioned handles for easier dumping of contents
- 43-gallon capacity; collapses to 3 inches for easy storage

1-800-356-0783

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Product Index > Safety Supplies > Protective Clothing > DUPONT® Tychem™ System CPF™ Protective Garments > 23282L

DUPONT® Tychem™ System CPF™ Protective Garments



Outstanding Chemical Protection You Can Count On

System CPF garments feature greater physical strength, durability and chemical holdout than typical fabrics. A full range of styles and options makes it easy to choose the garment that's just right for your job.

Specifications: **Coverall with Collar** gives you the comfort of an open-collar design. Or choose **Hooded Coverall**—includes an elastic face hood for additional head-and-neck coverage. Won't interfere with your respiratory protection. Both versions have zipper front with storm fly and elastic wrists and ankles for extra chemical holdout. **Coverall with Hood and Booties** offers an elastic-face hood and attached booties. **Coverall with Hood and Sock Booties** has an attached hood with elastic face, sock boots with splash shields, zipper front with storm flap and elastic wrists. **Level B Splash Suit** provides an improved field of vision with an expanded 20-mil PVC face shield. Gussetted hood better accommodates SCBAs with mask-mounted regulators. Rear-entry design features a double storm flap with hook-and-loop closure, and the expanded back gives you plenty of room for an SCBA. Also included: one covered exhaust port with splash covers, elastic wrists, and sock booties with splash shields. Choose **Bound Seams** for general use or **Sealed Seams** for additional chemical holdout.

Please Specify a Men's Size: M, L, XL, XXL.

Note: Chemical resistance comparison varies by chemical. Call **Safety TechLine™** at 1-800-356-2501 if you need assistance.

CPF 1: A multi-layer film laminate on 1.5 oz./sq.yd. polypropylene. Keeps dry particulates and light splashes out, yet is more flexible and durable than competing materials.

CPF 2: Co-extruded barrier film laminated to 1.5 oz./sq. yd. polypropylene gives increased tear resistance and chemical holdout. A good choice for remediation, chemical handling and cleanup.

CPF 3: Sealed seams, a stronger, 2.0 oz./sq. yd. polypropylene substrate, and a multi-film laminate provide heavy-duty protection from chemical splash.

CPF 4: A multi-film composite laminated to a high-strength 2.3 oz. polypropylene substrate offers the broadest range of chemical protection available for Level B suits.

Qty	Item #	Product	Sell Pack	Click For Avail	Price
0	23282L	DUPONT® Tychem® System CPF 2® Protective Hooded Coverall, Bound Seams, Large	1 EA	1-11 12+	\$23.00 \$20.70

Quantity	Price
1 - 11	\$23.00
12 +	\$20.70

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DUPONT® Tychem™ System CPF™ Protective Garments



Outstanding Chemical Protection You Can Count On

System CPF garments feature greater physical strength, durability and chemical holdout than typical fabrics. A full range of styles and options makes it easy to choose the garment that's just right for your job.

Specifications: **Coverall with Collar** gives you the comfort of an open-collar design. Or choose **Hooded Coverall**—includes an elastic face hood for additional head-and-neck coverage. Won't interfere with your respiratory protection. Both versions have zipper front with storm fly and elastic wrists and ankles for extra chemical holdout. **Coverall with Hood and Booties** offers an elastic-face hood and attached booties. **Coverall with Hood and Sock Booties** has an attached hood with elastic face, sock boots with splash shields, zipper front with storm flap and elastic wrists. **Level B Splash Suit** provides an improved field of vision

with an expanded 20-mil PVC face shield. Gussetted hood better accommodates SCBAs with mask-mounted regulators. Rear-entry design features a double storm flap with hook-and-loop closure, and the expanded back gives you plenty of room for an SCBA. Also included: one covered exhaust port with splash covers, elastic wrists, and sock booties with splash shields. Choose **Bound Seams** for general use or **Sealed Seams** for additional chemical holdout.

Please Specify a Men's Size: M, L, XL, XXL.

Note: Chemical resistance comparison varies by chemical. Call **Safety TechLine™** at 1-800-356-2501 if you need assistance.

CPF 1: A multi-layer film laminate on 1.5 oz./sq.yd. polypropylene. Keeps dry particulates and light splashes out, yet is more flexible and durable than competing materials.

CPF 2: Co-extruded barrier film laminated to 1.5 oz./sq. yd. polypropylene gives increased tear resistance and chemical holdout. A good choice for remediation, chemical handling and cleanup.

CPF 3: Sealed seams, a stronger, 2.0 oz./sq. yd. polypropylene substrate, and a multi-film laminate provide heavy-duty protection from chemical splash.

CPF 4: A multi-film composite laminated to a high-strength 2.3 oz. polypropylene substrate offers the broadest range of chemical protection available for Level B suits.

Qty	Item #	Product	Sell Pack	Click For Avail	Price
0	23282XL	DUPONT® Tychem® System CPF 2 Hooded Coverall, Bound Seams, X-Large	1 EA		1-11 \$23.00 12+ \$20.70

Quantity	Price
1- 11	\$23.00
12+	\$20.70

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DUPONT® Tychem™ System CPF™ Protective Garments**Outstanding Chemical Protection You Can Count On**

System CPF garments feature greater physical strength, durability and chemical holdout than typical fabrics. A full range of styles and options makes it easy to choose the garment that's just right for your job.

Specifications: Coverall with Collar gives you the comfort of an open-collar design. Or choose **Hooded Coverall**—includes an elastic face hood for additional head-and-neck coverage. Won't interfere with your respiratory protection. Both versions have zipper front with storm fly and elastic wrists and ankles for extra chemical holdout.

Coverall with Hood and Booties offers an elastic-face hood and attached booties

Coverall with Hood and Sock Booties has an attached hood with elastic face, sock boots with splash shields, zipper front with storm flap and elastic wrists. **Level B Splash**

Suit provides an improved field of vision with an expanded 20-mil PVC face shield. Gusseted hood better accommodates SCBAs with mask-mounted regulators. Rear-entry design features a double storm flap with hook-and-loop closure, and the expanded back gives you plenty of room for an SCBA. Also included: one covered exhaust port with splash covers, elastic wrists, and sock booties with splash shields. Choose **Bound Seams** for general use or **Sealed Seams** for additional chemical holdout.

Please Specify a Men's Size: M, L, XL, XXL.

Note: Chemical resistance comparison varies by chemical. Call **Safety TechLine™** at 1-800-356-2501 if you need assistance.

CPF 1: A multi-layer film laminate on 1.5 oz./sq.yd. polypropylene. Keeps dry particulates and light splashes out, yet is more flexible and durable than competing materials.

CPF 2: Co-extruded barrier film laminated to 1.5 oz./sq. yd. polypropylene gives increased tear resistance and chemical holdout. A good choice for remediation, chemical handling and cleanup.

CPF 3: Sealed seams, a stronger, 2.0 oz./sq. yd. polypropylene substrate, and a multi-film laminate provide heavy-duty protection from chemical splash.

CPF 4: A multi-film composite laminated to a high-strength 2.3 oz. polypropylene substrate offers the broadest range of chemical protection available for Level B suits.

Qty	Item #	Product	Sell Pack	Click For Avail	Price
0	23282XXL	DUPONT® Tychem® System CPF 2 Hooded Coverall, Bound Seams, XX-Large	1 EA		1-11 \$24.50 12+ \$22.00

Quantity	Price
1- 11	\$24.50
12+	\$22.00

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CPF 3 HD Protective Coverall

You have 10 results.

DUPONT® Tychem™ CPF 3 HD Protective Coverall

*Designed with Extensive Input from First Responders*

Ideally suited for use by Haz-Mat response teams and other emergency services personnel when potential exposure to chemical warfare agents exist.

Specifications: Choose a **Coverall with Respirator Fitted Hood** made with three-panel construction for improved fit and function, or a **Coverall with Collar** for compatibility with hooded PAPRs. Both versions provide a liquid-tight, chemical barrier with data on more than 110 chemicals including GA, GB, VX, HD and L. These specialized Coveralls feature integrated dual layer gloves, with a higher level of tactility, dexterity and a liquid-tight seal. The inner glove layer is made of Ansell® Barrier™ for wide spectrum chemical protection. An Ansell Stretch Chloroprene glove at the outer layer provides durability and increased dexterity. Double storm flaps with a wide, hook and loop closure and a heavy-duty zipper at

front provide a secure seal. Other features include taped seams, outer boot flaps, attached sock boots.
Please Specify Size: S, M, L, XL, XXL.

Qty	Item #	Product	Sell Pack	For Avail	Price
0	125284S	DUPONT® Tychem® CPF 3 HD Protective Coverall with Collar, Small	1 EA		\$138.00
0	125284M	DUPONT® Tychem® CPF 3 HD Protective Coverall with Collar, Medium	1 EA		\$138.00
0	125284L	DUPONT® Tychem® CPF 3 HD Protective Coverall with Collar, Large	1 EA		\$138.00
0	125284XL	DUPONT® Tychem® CPF 3 HD Protective Coverall with Collar, X-Large	1 EA		\$138.00
0	125284XXL	DUPONT® Tychem® CPF 3 HD Protective Coverall with Collar, XX-Large	1 EA		\$145.00
0	125285S	DUPONT® Tychem® CPF 3 HD Protective Coverall with Respirator Fitted Hood, Small	1 EA		\$150.00
0	125286M	DUPONT® Tychem® CPF 3 HD Protective Coverall with Respirator Fitted Hood, Medium	1 EA		\$150.00
0	125285L	DUPONT® Tychem® CPF 3 HD Protective Coverall with Respirator Fitted Hood, Large	1 EA		\$150.00
0	125285XL	DUPONT® Tychem® CPF 3 HD Protective Coverall with Respirator Fitted Hood, X-Large	1 EA		\$150.00
0	125285XXL	DUPONT® Tychem® CPF 3 HD Protective Coverall with Respirator Fitted Hood, XX-Large	1 EA		\$150.00

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Easy Roller™ Non-Ambulatory Roller System



Price: \$1,290.00

Selection: **HMK11045A System with Aluminum Pool**Quantity: [Add to Quote](#)

Product Description

Decontaminate non-ambulatory patients easily with the Easy Roller system.

The Easy Roller Non-Ambulatory Decon System is designed exclusively for the DQE 4' x 8' Standard Collection Pool (steel or aluminum). These rollers allow the Decon Operations Team to easily decontaminate a non-ambulatory patient. The four independent rollers mount to the pool frame in seconds and allow a backboard to pass over the pool with minimal effort.

Available as

- Easy Roller System with Aluminum-frame Standard Collection Pool (HMK11045A)
- Easy Roller System with Steel-frame Standard Collection Pool (HMK11045S)
- Easy Roller Upgrade Kit for existing Standard Collection Pool (HM11045)

Specifications

- 4' aluminum rollers
- Load capacity: 300 lbs
- Weight: 37 lbs (rollers)

Contents

Easy Roller System

- One DQE 4' x 8' Standard Collection Pool (Aluminum or Steel Frame)
- Four rollers
- Vinyl duffel carrying bag

Easy Roller Upgrade Kit

- Four rollers
- Vinyl duffel carrying bag

Related Equipment/Items

[Chemical-Resistant Ground Tarps](#)
[Decon Scrub Brush](#)
[Decon Sponges](#)
[Sack-It™ Clean Up Dispenser](#)

Additional Information

[Instruction Sheet](#)

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Final Order Review

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Final Quote Review

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Leaks & Spills
Emergency Lighting
Water Management
Infection Control
Mass Care
Hospital Incident Command
Law Enforcement
Canine Search & Rescue
Custom Products
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Product	Selection	\$ Price	Quantity	Ext. Price
Easy Roller™ Non-Ambulatory Roller System	HMK11045A System with Aluminum Pool	\$1,290.00	1	\$1,290.00

Subtotal: \$1,290.00

Shipping & Handling: \$76.19

Quote Total: \$1,366.19

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